

P a t e n t C l a i m s

1.

A device for practicing mask ventilation comprising a first passage and a second
5 passage, said first passage being designed to provide communication between a source
of air and the interior of a patient mask, said patient mask being designed to be placed
over the nose and/or mouth of a person, wherein said second passage is designed to
provide communication between the air source and a back pressure means, said back
pressure means simulating the resistance of a human airway.

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2.

A device according to Claim 1, wherein it further comprises a third passage designed to
provide communication between a breathing person and the surroundings.

15 3.

A device according to Claim 1 or 2, wherein said first passage includes indicator means
that indicate air flow through said first passage.

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20 A device according to Claim 3, wherein said indicator is a damper biased in a crosswise
position in said first passage.

5.

A device according to one of the preceding claims, wherein said back pressure means is
25 an artificial lung, which upon filling will indicate the volume delivered from said air
source.

6.

A device according to Claim 1, 2, 3 or 4, wherein said back pressure means is a
30 restriction.

7.

A device according to one of the preceding claims, wherein said first, second and third passages are formed in an integrated adapter designed to be placed between a patient valve and the mask.

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8.

A device according to one of Claims 1 – 6, wherein said first and second passages are formed in an integrated adapter, and said third passage is formed in a separate unit.

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A device according to Claim 8, wherein said third passage extends through the wall of the mask at a distance from the connection of the mask to said first passage.

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15 A device according to one of Claims 2 - 9, wherein said third passage communicates with both the breathing person's mouth and nose.

11.

20 A device according to Claim 1, wherein said second passage extends from said patient mask to the back pressure device.

12.

A device according to one of the preceding claims, wherein the resistance provided by the back pressure means is between 5 and 40 cm H₂O/l/s.

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A device according to one of the preceding claims, wherein the resistance provided by the back pressure means is about 20 cm H₂O/l/s.

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A device according to one of the preceding claims, wherein said back pressure means has a compliance simulating the compliance of a human airway.

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A device according to one of the preceding claims, wherein the back pressure means has a compliance between 0.01 and 0.15 l/cm H₂O.

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A device according to one of the preceding claims, wherein the back pressure means has a compliance of about 0.02 l/cm H₂O.

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